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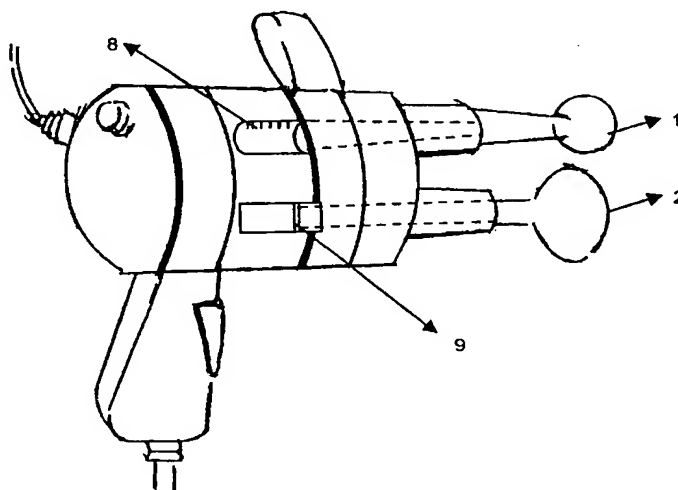
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(54) Title: SYSTEM FOR INSTANT DIAGNOSIS AND TREATMENT OF SOFT TISSUE DISORDERS



(57) Abstract: A system and method for instant and permanent pain relief on pain-spasm-pain neurological reflex cycles that cause pain and functional disability in muscles suffering from acute and chronic soft tissue disorders is disclosed. The invention comprises a device for diagnosing PSP (pain-spasm-pain) cycles by creating a calibrated mechanical stimulation on the Golgi Tendon (GT) receptors of related muscle fibres, over which pain relief is later on provided by simultaneously applying calibrated pressure on said GT receptors. The system involves diagnosis and treatment steps performed instantly, in consequence of which the muscles permanently retain their normal physiological and mechanical values. The system proposed by the invention is characterized by a stimulator tip which is used to apply mechanical pressure the golgi tendon receptors beneath the skin, and which is attached to said tensiometric instrument (8) used for measuring the GT pain pressure thresholds and GT inhibition pressure thresholds.

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